



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

La Finestra, L.C.
2790 N.W. 104 Court
Doral, FL 33172

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "EKU-53" Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. LAFINWDW-R3, titled "Series EKU-53 Aluminum Fixed Window", sheets 1 through 4 of 4, dated 09/28/02 with the latest revision dated 06/10/08, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA **renews NOA # 02-1018.12** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**

MIAMI-DADE COUNTY
APPROVED

J. Gascon
7/17/08

NOA No. 08-0208.01
Expiration Date: March 06, 2013
Approval Date: August 07, 2008
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **LAFINWDW-R3**, titled "Series EKV-53 Aluminum Fixed Window", sheets 1 through 4 of 4, dated 09/28/02 with the latest revision dated 06/10/08, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.

B. TESTS


1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
Along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3545**, dated 08/13/02, signed and sealed by Joseph Chan, P.E.
(Submitted under previous NOA # 02-1018.12)
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
Along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3546**, dated 08/13/02, signed and sealed by Joseph Chan, P.E.
(Submitted under previous NOA # 02-1018.12)
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
Along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3547**, dated 08/13/02, signed and sealed by Joseph Chan, P.E.
(Submitted under previous NOA # 02-1018.12)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Bromley-Cook Engineering, Inc., dated 04/03/08 with the latest revision dated 06/10/08, signed and sealed by William D. Cook, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 08-0208.01
Expiration Date: March 06, 2013
Approval Date: August 07, 2008

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

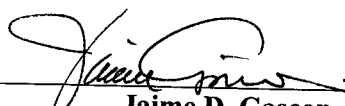
1. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "**Saflex HP Glass Interlayer**" dated 04/17/2008, expiring on 04/17/2013.
2. Notice of Acceptance No. **03-1117.01** issued to Surface Specialties, Inc. for their "**Uvekol a Laminate Glass Component**", dated 01/29/04, expiring on 02/08/09.

F. STATEMENTS

1. Statement letter of conformance, dated January 25, 2008, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated January 25, 2008, signed and sealed by William D. Cook, P.E.
3. Laboratory compliance letter for Test Report no. **FTL-3545, FTL-3546 and FTL-3547**, issued by Fenestration Testing Laboratory, Inc., dated August 29, 2002, signed and sealed by Joseph Chan, P.E.
(Submitted under previous NOA # 02-1018.12)
4. Laboratory addendum letter for Test Report no. **FTL-3545, FTL-3546 and FTL-3547**, issued by Fenestration Testing Laboratory, Inc., dated December 04, 2002, signed by Roberto Robleto.
(Submitted under previous NOA # 02-1018.12)

G. OTHERS

1. Notice of Acceptance No. **02-1018.12**, issued to La Finestra, L.C. for their Series "**EKU-53**" Aluminum Fixed Window – Impact", approved on 03/06/03 and expiring on 03/06/08.


Jaime D. Gascon, P.E.

Chief, Product Control Division

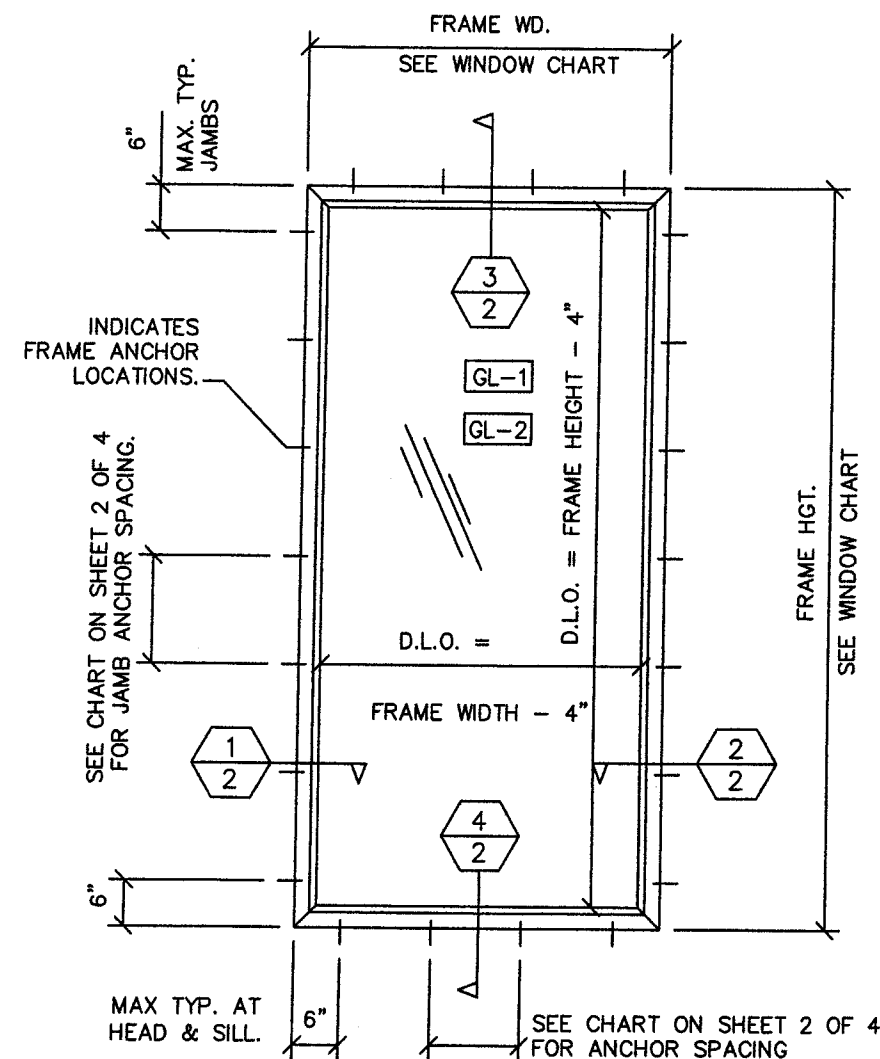
NOA No. 08-0208.01

Expiration Date: March 06, 2013

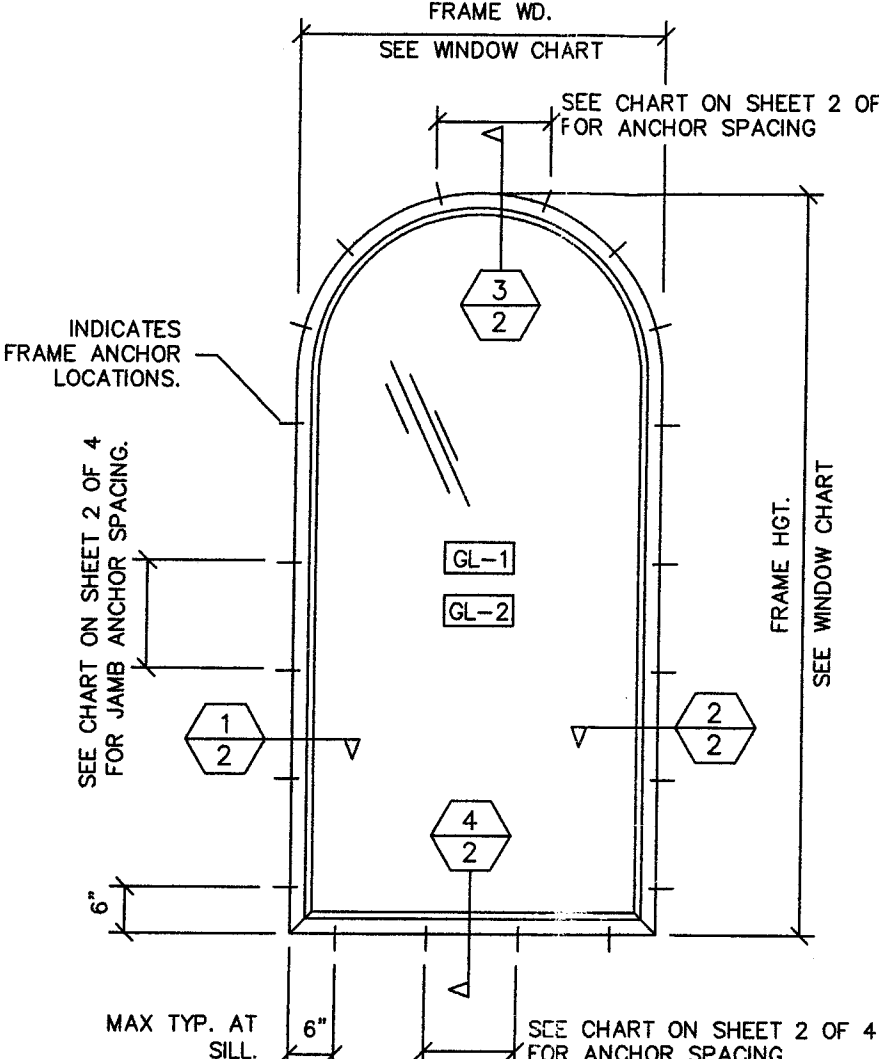
Approval Date: August 07, 2008

LA FINESTRA, LC

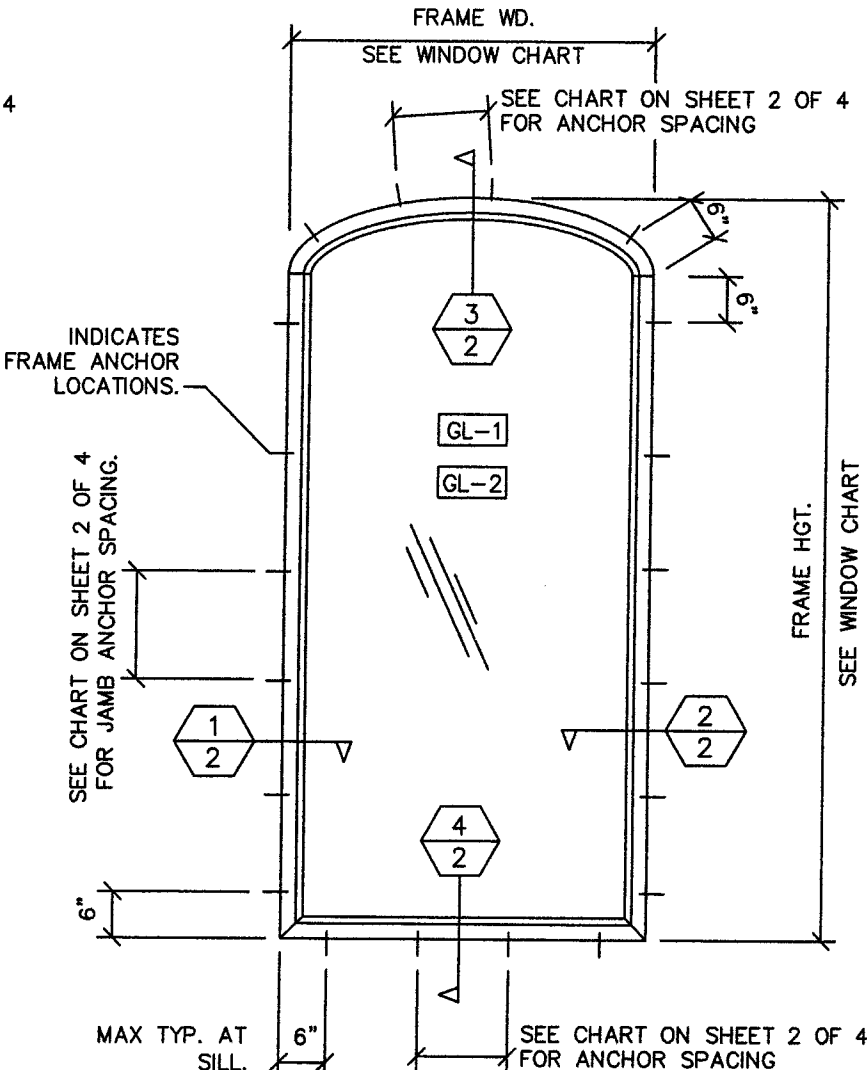
SERIES: EKU 53 FIXED WINDOW



TYPICAL ELEVATION
"FIXED RECTANGLE"



TYPICAL ELEVATION
"FIXED ARCHED"



TYPICAL ELEVATION
"FIXED EYEBROW"

NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AS DESCRIBED IN THE "2004 FLORIDA BUILDING CODE"
2. THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN SCHEDULE.
3. BUCK, OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION. THE DESIGN & ENGINEERING OF BUCKS SHALL BE PROVIDED BY "THE ENGINEER OF RECORD"
4. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
5. THE SYSTEM SHOWN HEREIN WAS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA-201, 202 & 203.
6. ONE-THIRD (33%) INCREASE IN ALLOWABLE MATERIAL STRESS LIMITS FOR SHORT DURATION WIND LOAD NOT USED IN THE DESIGN CALCULATIONS.
7. MULTIPLE UNITS (STACKED SIDE BY SIDE OR TOP TO BOTTOM) SHALL REQUIRE SEPERATE MULLION WITH SEPERATE PRODUCT APPROVAL.

OTHER GEOMETRIC FRAME SHAPES MAY BE USED
PROVIDED THE SHAPE FITS INSCRIBED INSIDE THE
MAXIMUM ALLOWABLE RECTANGULAR AREA DETAILED HEREIN.

GLASS SCHEDULE	
LARGE MISSILE IMPACT RESISTANT	
GL-1	= 9/16"(.574") LAMINATED 1/4" ANNEALED - 0.090" UVEKOL LIQUID RESIN COMPOSITE BY SURFACE SPECIALTIES INC. LAMINATED BY SMITH MOUNTAIN 1/4" ANNEALED.
GL-2	= 7/16"(.460") LAMINATED 3/16" ANNEALED - .090" P.V.B. INTERLAYER SAFLEX/KEEPSAFE MAXIMUM BY MONSANTO. 3/16" ANNEALED.

MAX. DESIGN PRESSURES

SEE CHART ON SHEET-3
FOR ALLOWABLE PRESSURES.

WATER INFILTRATION TEST = 15 P.S.F.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-020801
Expiration Date 03/06/2013
By *[Signature]*
Miami Dade Product Control
Division

LA FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
Miami, FL 33172
Phone (305) 599-8093
Fax (305) 592-4671

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
6440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
JUN 10 2008
WILLIAM D. COOK P.E. #43904
S.I. #2008

PRODUCT:
SERIES EKU-53
ALUMINUM FIXED
WINDOW

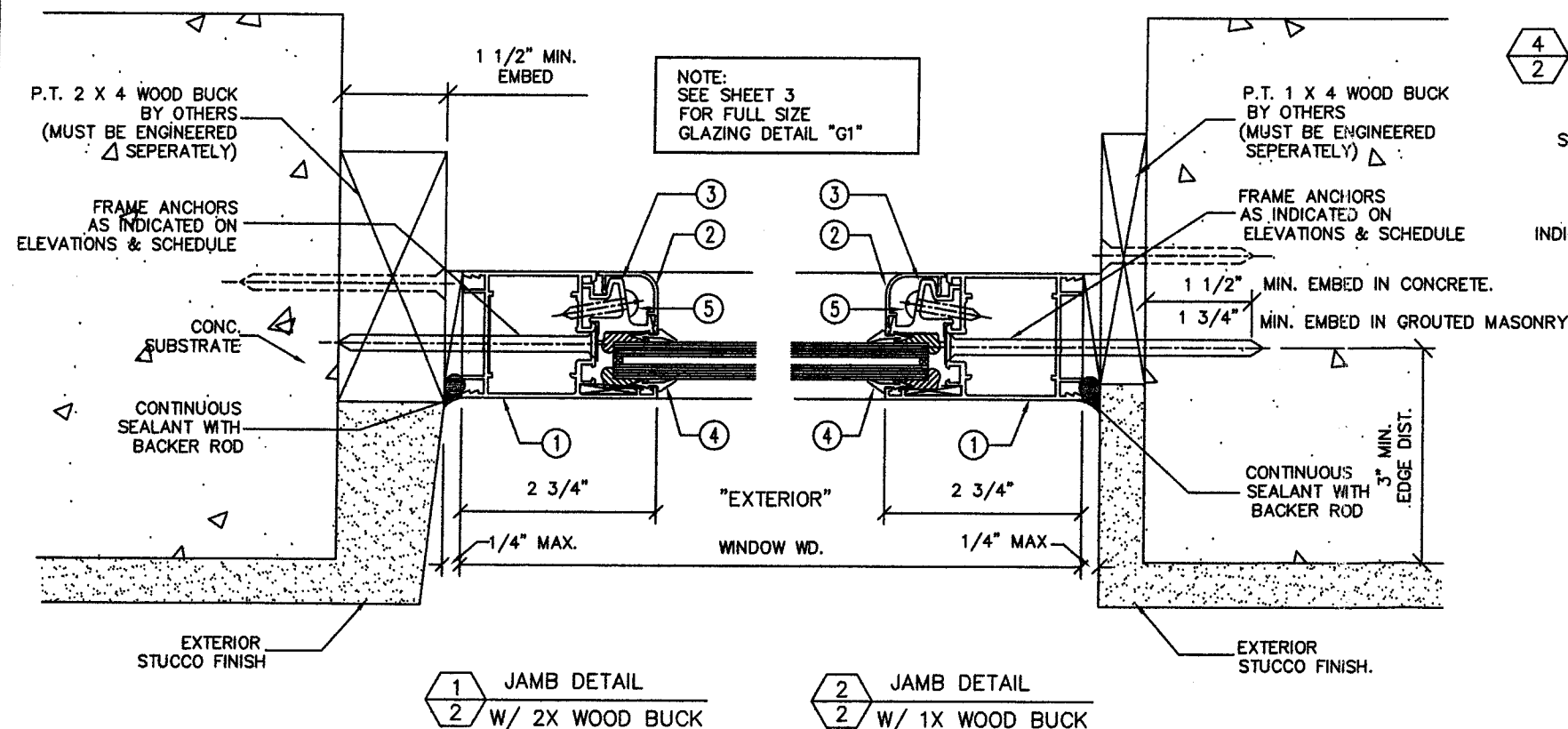
REVISIONS	DATE	BY	DESCRIPTION
No.			

DATE: 1/29/08
SCALE: AS NOTED
DWG. BY: R.P.
CHK. BY:

DRAWING No.:
LAFINWDW-R3

SHEET 1 OF 4

ANCHOR SCHEDULE				
ANCHOR TYPE	SUBSTRATE/EMBED	MAXIMUM ALLOWABLE ANCHOR SPACING		
		WINDOW WIDTH	HEAD & SILL	JAMBS
1/4" X REQ'D. LENGTH TAPCON OR EQUAL	CONCRETE (2000 PSI MIN.) EMBED: 1 1/2" INTO CONC. MIN.	UP TO 54"	6" FROM ENDS BALANCE @ 12" C/C MAX.	6" FROM ENDS BALANCE @ 14" C/C MAX.
	CBS (GROUT FILLED) EMBED: 1 3/4" INTO CBS. MIN.			
#14 X REQ'D. LENGTH P.H.S.M.S. OR SELF-DRILLING	METAL STRUCTURES STEEL OR ALUMINUM	UP TO 54"	6" FROM ENDS BALANCE @ 9 1/4" C/C MAX.	6" FROM ENDS BALANCE @ 9 1/4" C/C MAX.
		UP TO 42"	6" FROM ENDS BALANCE @ 12" C/C MAX.	6" FROM ENDS BALANCE @ 12" C/C MAX.
# 14 X 2 1/2" P.H.S.M.S.	MIN. 2 X 4 NO.2 S.Y.P. EMBED: 1 1/2" INTO WOOD MIN.	UP TO 36"	6" FROM ENDS BALANCE @ 12" C/C MAX.	6" FROM ENDS BALANCE @ 14" C/C MAX.



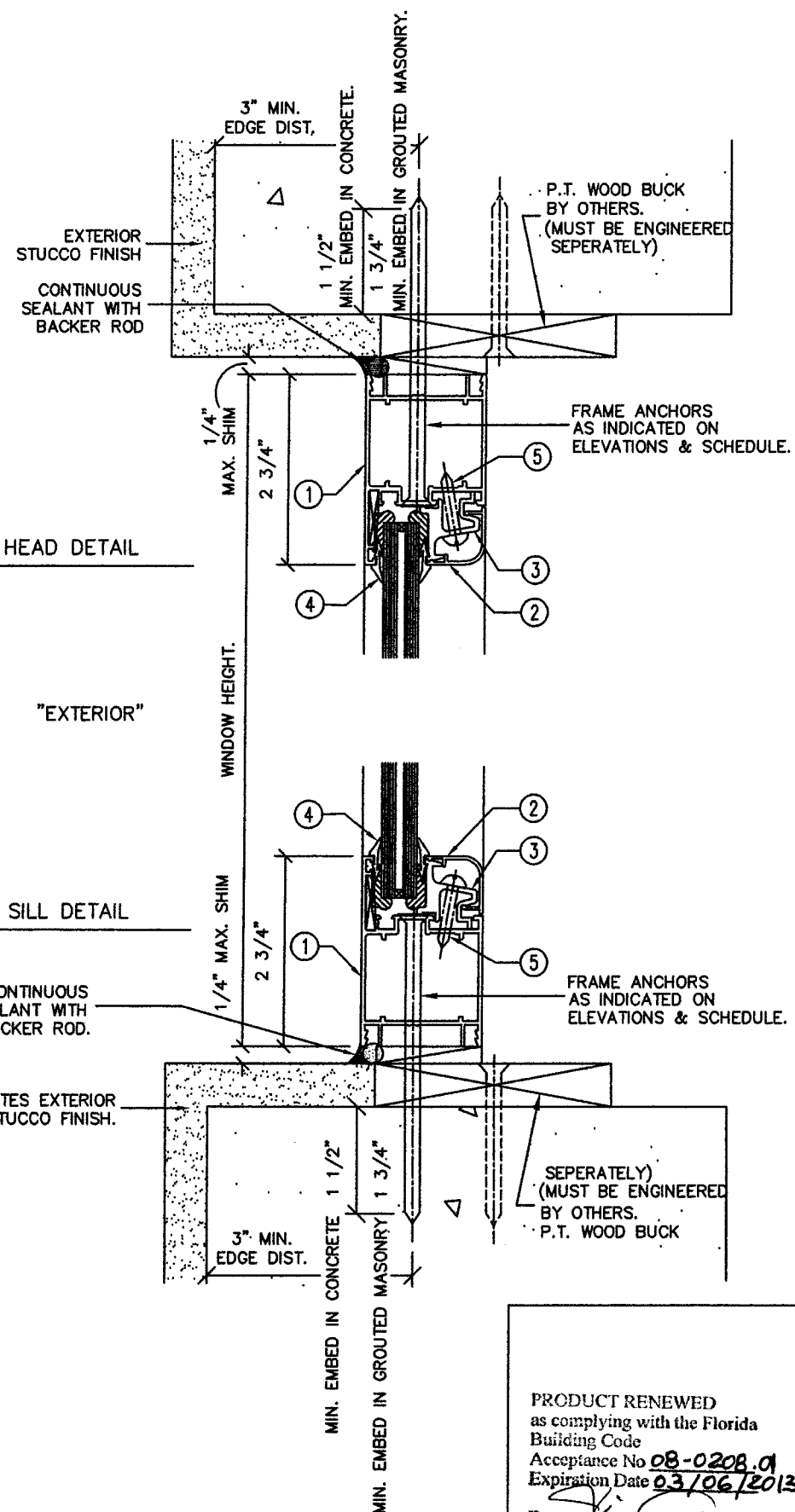
3
2 HEAD DETAIL

"EXTERIOR"

4
2 SILL DETAIL

CONTINUOUS
SEALANT WITH
BACKER ROD.

INDICATES EXTERIOR
STUCCO FINISH.



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 08-0208.01
Expiration Date 03/06/2013
By *[Signature]*
Miami Dade Product Control
Division

L.A. FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
Miami, FL 33172
Phone (305) 599-8093
Fax (305) 592-4671

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
JUN 10 2008
WILLIAM D. COOK, P.E., #43804

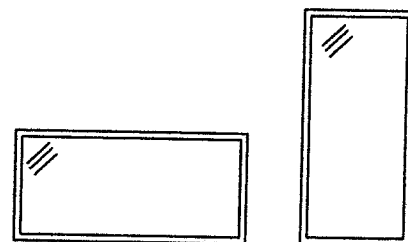
PRODUCT:
**SERIES EKV-53
ALUMINUM FIXED
WINDOW**

NO.	DATE	BY	DESCRIPTION

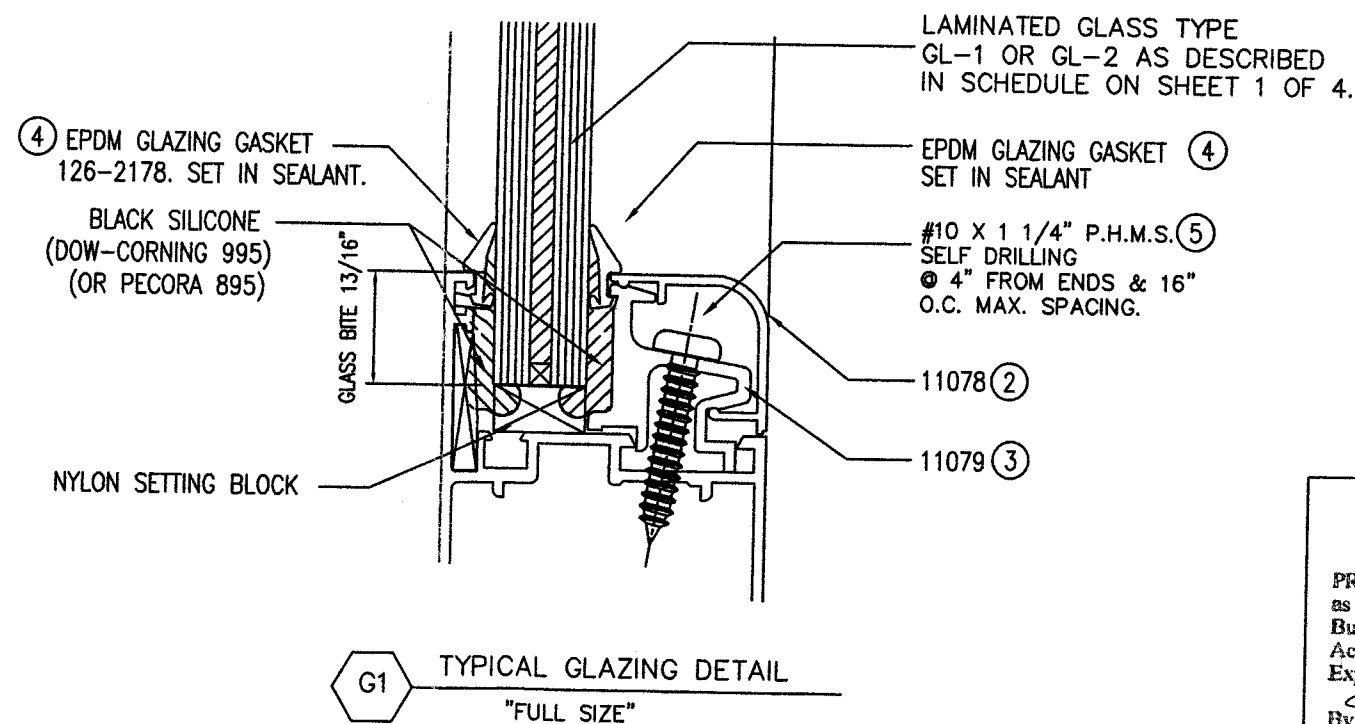
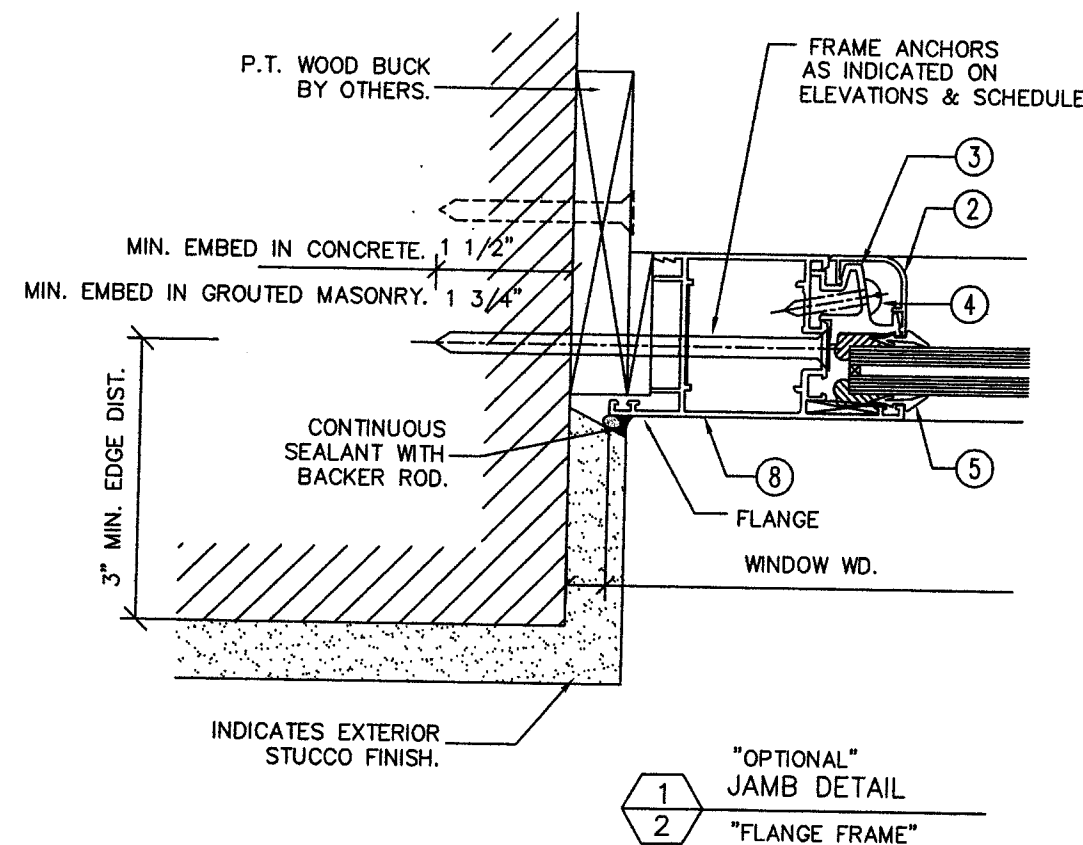
DATE: 1/29/08
SCALE: N.T.S.
DWG. BY: R.P.
CHK. BY:
DRAWING No.:
LAFINWDW-R3
SHEET 2 OF 4

WINDOW SIZE CHART					
ALLOWABLE DESIGN LOADS FOR IMPACT WINDOWS					
MODULAR WINDOW SIZE		GLASS TYPE GL-1		GLASS TYPE GL-2	
WIDTH	HEIGHT	EXT(+)	EXT(-)	EXT(+)	EXT(-)
24	48	75	75	75	75
30		75	75	75	75
36		75	75	75	75
42		75	75	75	75
48		75	75	75	75
30	54	75	75	75	75
36		75	75	75	75
42		75	75	75	75
48		75	75	70.2	70.2
54		75	75	62.2	62.2
30	60	75	75	75	75
36		75	75	75	75
42		75	75	73.5	73.5
48		75	75	61.4	61.4
54		75	75	55.9	55.9
30	66	75	75	75	75
36		75	75	75	75
42		75	75	66.6	66.6
48		75	75	56.4	56.4
54		75	75	66.6	66.6
30	72	75	75	75	75
36		75	75	75	75
42		75	75	75	75
48		75	75	75	75
54		75	75	66.6	66.6
30	78	75	75	75	75
36		75	75	75	75
42		75	75	71.2	71.2
48		75	75	66.3	66.3
54		75	75	66.3	66.3
30	84	75	75	75	75
36		75	75	75	75
42		75	75	71.5	71.5
48		75	75	65.9	65.9
50		75	75	64.2	64.2
30	90	75	75	75	75
36		75	75	75	75
42		75	75	66.4	66.4
48		75	75	61.3	61.3
50		72.6	72.6	58.7	58.7
24	96	75	75	75	75
30		75	75	75	75
36		75	75	72.8	72.8
42		75	75	61.6	61.6
48		71	71	55.3	55.3

(TESTED ASSEMBLY = 48" x 96" @ +/-75 PSF)
(DLO = 44" x 91 1/4")



NOTE:
WINDOWS MAY BE ORIENTED HORIZONTALLY
OR VERTICALLY.



PRODUCT RENEWED
as complying with the Florida
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Expiration Date 03/06/2013
By *[Signature]*
Miami Trade Product Control
Division

L.A. FINESTRA, L.C.
ITALIAN WINDOWS & DOORS
2790 N.W. 104 Court
Miami, FL 33172
Phone (305) 599-8093
Fax (305) 592-4671

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
6440 N.W. 38RD AVENUE SUITE 100
FORT LAUDERDALE, FL 33309
JUN 10 2008
WILLIAM D. COOK FL. P.E. #43904
S.E. #2008

PRODUCT:
**SERIES EKV-53
ALUMINUM FIXED
WINDOW**

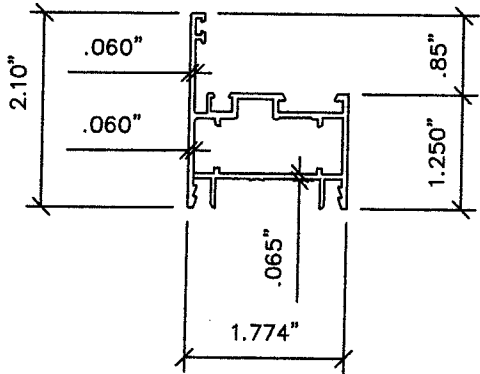
REVISIONS	
No.	DATE BY

DATE: 1/29/08
SCALE: N.T.S.
DWG. BY: R.P.
CHK. BY:

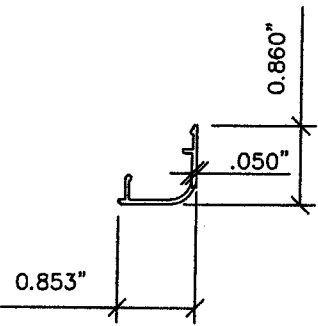
DRAWING No.:
LAFINWDW-R3

SHEET 3 OF 4

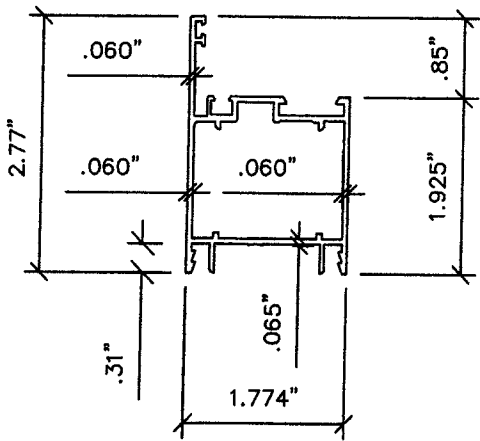
7011 - FRAME ①



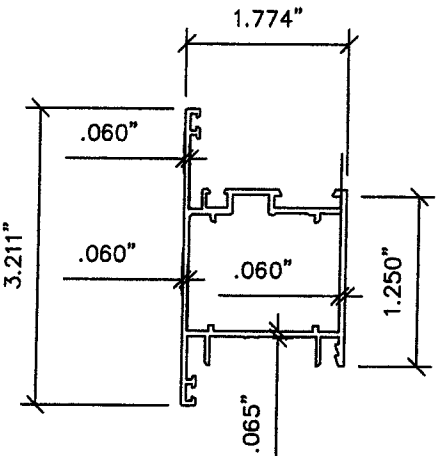
11078 - SNAP CAP ②
(DECORATIVE)



9035 - FRAME ⑧

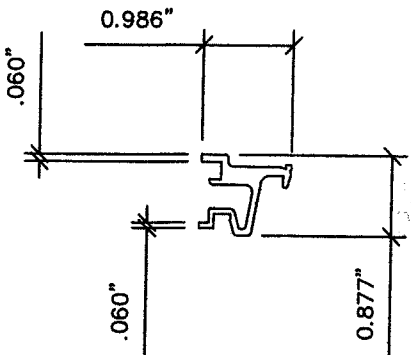


OPTIONAL "FLANGE" FRAME PROFILE
9035 - FRAME ⑧



NOTE: SAME EXTRUSION AS 9035
BUT WITH FLANGE

11079 - GLAZING BEAD ③



MATERIAL LIST

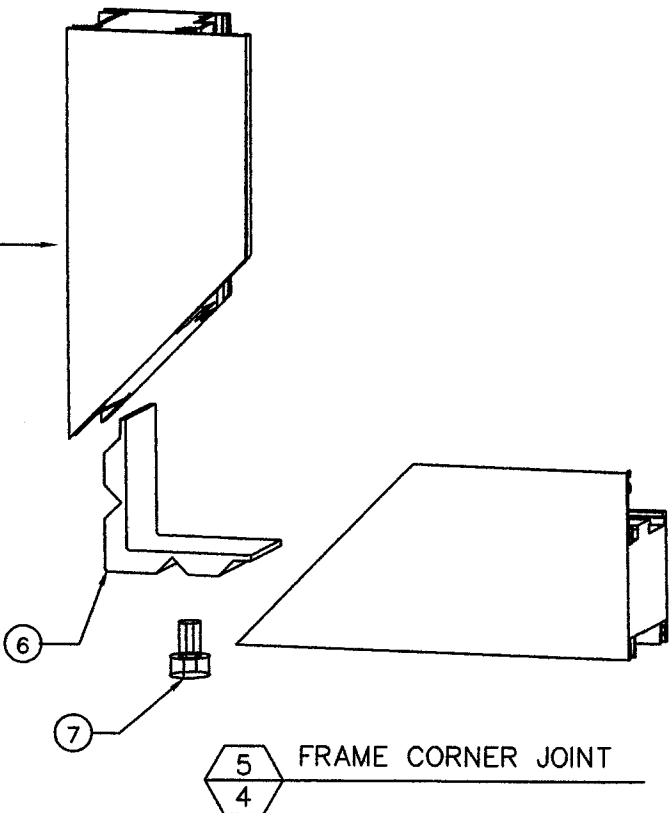
KEY	PART NUMBER	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
①	7011	FRAME HEAD/SILL/JAMB	EN AW-6060 - T5	PROFILATI SpA
②	11078	GLASS BEADING	EN AW-6060 - T5	PROFILATI SpA
③	11079	GLAZING STOP	EN AW-6060 - T5	PROFILATI SpA
④	126-2178	CONTINUOUS EPDM WEDGE GASKET	EPDM	
	NOT USED			
⑤	GSF1	#10 X 1 1/4" P.H.M.S.(SELF DRILLING)	CAD. PLATED STEEL	STD. SCREWS FOR GLAZING BEAD
⑥	105-0110	FRAME CORNER KEY (TYPICAL AT CORNERS)	CAST ALUMINUM	
⑦	110-3578	.325" METALLIC PIN(2 EA. CORNER)	CAST ALUMINUM	
⑧	9035	OPTIONAL FLANGE FRAME HEAD/SILL/JAMB	EN AW-6060 - T5	PROFILATI SpA

SEALANTS

- GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH DOW CORNING 995 OR PECORA 895
FRAME CORNERS SEALED WITH DOW CORNING 999

SASH/FRAME
TYPICAL.

NOTE:
AT KEY CONTACT
SURFACES USE SINGLE
COMPONENT GLUE
ART. 149 AL 430.



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JUN 10 2008
WILLIAM D. COOK P.E. #45904
S.I. #2008

PRODUCT:
SERIES EKV-53
ALUMINUM FIXED
WINDOW

REVISIONS	DATE	BY	DESCRIPTION
No.			

DATE: 1/29/08
SCALE: N.T.S.
DWG. BY: R.P.
CHK. BY:
DRAWING No.:
LAFINWDW-R3
SHEET 4 OF 4